

Title (en)
COMPOSITION BASED ON CERIUM, ZIRCONIUM AND TUNGSTEN, PREPARATION PROCESS AND USE IN CATALYSIS

Title (de)
ZUSAMMENSETZUNG AUF DER BASIS VON CER, ZIRKONIUM UND WOLFRAM, HERSTELLUNGSVERFAHREN UND VERWENDUNG FÜR KATALYSEVERFAHREN

Title (fr)
COMPOSITION A BASE DE CERIUM, DE ZIRCONIUM ET DE TUNGSTENE, PROCEDE DE PREPARATION ET UTILISATION EN CATALYSE

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Application
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Abstract (en)
[origin: WO2011144601A1] The invention relates to a composition based on cerium, zirconium and tungsten and which has a content, expressed as oxide, of cerium of between 5 and 30%; of tungsten of between 2 and 17% and the balance of zirconium. After ageing at 750°C in an air atmosphere containing 10% water, it has a two-phase crystallographic structure comprising a tetragonal zirconia phase and a monoclinic zirconia phase, with no presence of a crystalline phase containing tungsten. This composition may be used as a catalyst, especially in an SCR process.

IPC 8 full level
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